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ABSTRACT

The purpose of this activity book is to provide fun while learning and reinforcing mathematics in the following categories: (1) mathematical concepts and applications; (2) mathematical computations; (3) geometry; and (4) mathematics for daily living. A gameboard and playing cards are provided in this book. A die, pawns, and a container for the cards are needed for the game. Rules for play and tally sheets are provided. This book contains 232 game cards with four questions and answers per card. (YP)

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A Good Apple Math Activity Book for Grades 4-6

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# 50

By
Pat Dunn, SSND



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# Math Trivial Pursuit

## Intermediate Level

**Written and Designed by**
**Pat Dunn, SSND**

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# Description of Kino Learning Center

Kino Learning Center is a private, nonprofit elementary and secondary school founded in Tucson, Arizona, in 1975 by parents seeking a futuristic learning model for children. The school not only emphasizes the conventional skills of reading, writing and computing, but goes beyond these basics to the futuristic skills of choosing, relating, valuing, creating and learning how to learn.

Within the prepared environment of the school, each student is free to choose from worthwhile options, a sequence of activities unique to his/her needs and experiences, and in which he/she finds success, interest and pleasure. Each student is free to develop in the way and at the pace appropriate to his/her needs, abilities and interests. The school places special emphasis on individual discovery, on firsthand experience and on creative work.

At Kino Learning Center, adults, teenagers and children mutually engaged in the learning process are continually in the process of changing and growing, for to learn is to change. And to experience joy in learning is to delight in life itself, for learning and life are one.

The curriculum at Kino Learning Center consists of teacher-made learning packets containing facts, processes and values related to topics of interest to the students. These learning packets have been expanded into workbooks for use by teachers and students throughout the United States and Europe. Over thirty books are presently in circulation. The profits from the sale of these books are used to enhance the learning environment at Kino Learning Center.

# Acknowledgements

I want to express my sincere appreciation to the following people:

Mary Lou Tucker, who worked each of the problems in this book to check for accuracy in the answers; Judy Bisignano, O.P., who spent many hours proofreading the manuscript; and Paulette Bustamante, who through diligent and persevering efforts, accomplished the typing and perfecting of this manuscript.



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## Purpose of Game

The purpose of *Math Trivial Pursuit* is to have fun and enjoy mathematics while learning and reinforcing mathematics in the following categories:

Mathematical Concepts and Applications

Mathematical Computations

Geometry

Mathematics for Daily Living

## Game Parts

Gameboard

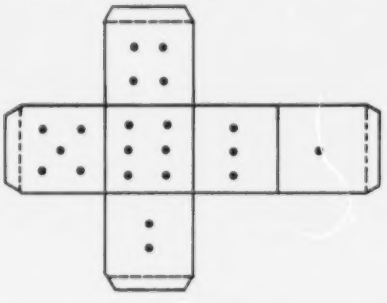
Carefully remove and unfold the gameboard from the center of the book.

Playing Cards

*Math Trivial Pursuit* contains 232 game cards with four questions and answers per card. Each page of the book contains eight game cards. Separate the cards by cutting along the solid lines. To assure greater durability, you may want to laminate each page before cutting out the cards.

Die

One die is needed to play Math Trivial Pursuit. A pattern for making a die is shown at the right. Glue the pattern to a piece of tagboard. Cut out the pattern. Fold along the solid lines. Place glue on the dotted tabs. Fold the tabs inside the cube. Hold until dry. (Note: You may want to obtain a commercially made die from a toy store.)



Pawns

You will need a game pawn for each player or team. Buttons, coins, bottle caps or other similar items may be used. Pawns may also be purchased at a toy store.

Container

Place the game cards in a small box for safekeeping. Store your gameboard, playing cards, die and pawns in a box or Baggie.

A reduced copy of the gameboard appears after p. 26.



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## Rules for Play

1. Each player selects a pawn and writes his/her name on the Game Tally Sheet.
2. Each player rolls the die. The player rolling the highest number begins the game. In a tie, these players roll again to determine who begins the game.
3. The first player rolls the die again. Starting from the hub in the center of the board, the player moves the pawn the indicated number of spaces along any spoke. The first move for each player will end either in a category headquarters at the end of a spoke or in a category space.
4. When a pawn lands in a category space or category headquarters, the player is asked a question in that category.

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Category Spaces and Headquarters Are Indicated by Geometric Shapes as Follows:

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Mathematical Concepts and Applications

Mathematical Computations

Geometry

Mathematics for Daily Living

5. The question, next to the appropriate geometric shape, is taken from the card box and is read by another player. Answers are on the opposite side of each card. If the player correctly answers the question, the player's turn continues with another roll of the die. If the player answers incorrectly, the turn passes to the left.
6. With each die roll, a move may be made in either direction around the octagonal path or on any of the spoke paths. A combination move along the octagonal path and up a spoke path is permitted. Backtracking—a combination of forward and backward moves on one die roll—is not permitted. For example, if a player's pawn is one space from a desired category space or headquarters and a die roll of five is made, a move of 3 forward and 2 backward cannot be made.
7. A player must always move the number of spaces shown on the die.
8. The card is placed at the end of the pile after each question.
9. When a player has correctly answered a question in a category headquarters at the end of a spoke along the octagonal path, a check mark is placed by that player's name under the appropriate geometric shape on the Game Tally Sheet. If the player answers incorrectly, the pawn must leave the headquarters on the next turn. It can later reenter headquarters and the player may attempt another question for credit.



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10. A player landing on one of the four "Roll Again" spaces continues his/her turn by rolling the die again.
11. A player landing on "Player May Choose" may select to answer a question from any of the four categories during his/her turn.
12. Any number of pawns may occupy the same space at the same time.
13. When a pawn lands in the hub, before the player has met the four headquarter requirements to be able to win the game, the hub is treated as a wild card space and the player chooses the category for the subsequent question.
14. After a player has correctly answered a question in all four category headquarters, the player's pawn must make its way to the hub to attempt to win the game.
15. The pawn must land in the hub by an exact roll of the die. If a player overshoots the hub, he/she must successfully answer a question in the category on which he/she lands and try again to enter the hub on an exact roll of the die. If the question is not answered correctly, the player must wait for his/her next turn.
16. When the pawn lands in the hub, opposing players select the category for a final question, by simple agreement or a vote, and the next card is drawn.
17. If the question is answered correctly, the game is won. If the question is answered incorrectly, the player must leave the hub on the next turn and reenter for another question.
18. Because a correct answer always means another roll of the die, a player may meet the game-winning requirements on the first turn. If this happens, any player who has not yet had a turn is permitted a chance to duplicate the feat and create a tie.
19. The players determine how long they have to answer a question and how precise an answer must be. Time and accuracy may vary for each player.
20. The players determine how they want to solve the problems—mental computation, written computation, or use of a calculator.

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## Tally Sheets

Make copies of the tally sheets below. Put a check (√) in the box when you or your team lands on a headquarter space and correctly answers the question for that category.

| Game Tally Sheet | | | | | |
|---|---|---|---|---|---|
| Player or Team | ● | ■ | ▲ | ⬢ | The Win! |
| | | | | | |
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| Game Tally Sheet | | | | | |
|---|---|---|---|---|---|
| Player or Team | ● | ■ | ▲ | ⬢ | The Win! |
| | | | | | |
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- In the number 916, how many ten's are there?
- Find n. $2 \times 7 - 4 = n$
- A line segment has ? endpoints.
- A person who is an octogenarian is how old?

- Read this mathematical symbol: $<$.
- Find n. $56 \div 8 = n$
- Area is measured in ? units.
- What season has a temperature of 10° Celsius?

- TRUE OR FALSE: The value of each digit depends on its place in the numeral.
- Find n. $42 \div 6 = n$
- A quadrilateral is a polygon with ? vertices.
- How many seasons are there?

- Which is less: 6660 or 6606?
- Find n. $39 + 46 = n$
- The volume of a 3 cm cube is ? cubic cm.
- Paula had $25.00 in $5 bills. How many bills did she have?

- Give the digits for twelve thousand, twelve.
- Find n. $715 - 159 = n$
- A circle has ? sides.
- Seventy-two grapes are divided among 9 children. How many grapes does each child receive?

- State the numbers from least to greatest. 4500, 3200, 7600, 1100, 4400
- Find n. $9050 - 4789 = n$
- A sphere is a ? figure.
- Which is the better buy: 6 bottles for $5.34 or 12 bottles for $10.80?

- Read the standard numeral 10,525.
- Estimate the sum. $\$72.91 + 8.62 =$ ?
- If the perimeter is 68 feet and the length is 12 feet, what is the width?
- Which is the better buy: 7 oz. for $3.43 or 11 oz. for $5.28?

- Round 164 to the nearest ten.
- Find n. $\$2.10 \div 6 = n$
- Find the perimeter with sides of 2 cm, 4 cm and 7 cm.
- Bill pays $7.12 for 8 lbs. of peaches. How much is each pound?

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Math Trivial Pursuit

- Less than
- n = 7
- Square
- Winter

Math Trivial Pursuit

- 1
- n = 10
- 2
- 80 or in the 80's

Math Trivial Pursuit

- 6606
- n = 85
- 27
- 5

Math Trivial Pursuit

- True
- n = 7
- 4
- 4

Math Trivial Pursuit

- 1100, 3200, 4400, 4500, 7600
- n = 4261
- Space or three-dimensional figure
- 6 bottles for $5.34

Math Trivial Pursuit

- 12,012
- n = 556
- No
- 8

Math Trivial Pursuit

- 160
- n = $.35
- 13 cm
- $.89

Math Trivial Pursuit

- Ten thousand, five hundred twenty-five
- $82.00
- 22
- 11 oz. for $5.28

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- Symbols used for numbers by the Romans, for example, I, V, X.
- Find n. $(48 - n) \times 2 = 72$
- Find the area of a 4 m square.
- Bob saves $54.00 in 24 weeks. On the average, how much does he save each week?

- Name an old counting device used to compute math problems.
- Find n. $24 \div 3 = n$
- TRUE OR FALSE: Circles have no sides.
- Matt weighed 9 lbs. when he was born. Now he weighs 80 lbs. How much weight did he gain?

- Name a graph using a line to show changes.
- Find n. $16 - (4 + 8) = n$
- Find the area of the rectangle: L = 8 m; W = 4 m
- Twelve part-time workers earned $281.40. How much did each worker receive?

- State which number is the product in the sentence $9 \times 7 = 63$.
- Find n. $153 \div 51 = n$
- TRUE OR FALSE: A triangle can never have more than three sides.
- The season whose temperature is 29° Celsius.

- Name the symbol used to show one number is smaller than another number.
- Find n. $1650 \div 30 = n$
- TRUE OR FALSE: A pentagon has six sides.
- Lynn walks 5 miles every day. How many miles does she walk in 9 days?

- State the factors in the sentence $5 \times 8 = 40$.
- Find n. $12 \times 2 + 8 = n$
- TRUE OR FALSE: The capacity of a sandbox is measured in area.
- The Sims want to serve lasagna to 12 people. The recipe serves 4. They need to multiply each ingredient by ___?___.

- The name given to numbers that state the order of the numbers.
- Find n. $n \times 3 = 27$
- TRUE OF FALSE: The least number of sides a polygon can have is three.
- Joe scored 12 points in one game and 15 points in another game. What was his total score?

- 13 = ___?___ tens and ___?___ ones
- Find n. $3621 + 107 = n$
- TRUE OR FALSE: A quadrilateral has five or more sides.
- Mary worked 6 hours at $5.45 per hour. What was her total amount earned?

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Math Trivial Pursuit

- Abacus
- n = 8
- True
- 71 lbs.

Math Trivial Pursuit

- Roman numerals
- n = 12
- 16 sq. m
- $2.25

Math Trivial Pursuit

- 63
- n = 3
- True
- Summer

Math Trivial Pursuit

- Line graph
- n = 4
- 32 sq. m
- $23.45

Math Trivial Pursuit

- 5 and 8
- n = 32
- False—volume
- 3

Math Trivial Pursuit

- <
- n = 55
- False—five sides
- 45 miles

Math Trivial Pursuit

- 1 ten and 3 ones
- n = 3728
- False—four sides
- $32.70

Math Trivial Pursuit

- Ordinal numbers
- n = 9
- True
- 27 points

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- Which is greater: 6846 or 6864?
- Find n. $8460 \times 47 = n$
- TRUE OR FALSE: A polygon can have an infinite number of sides.
- Which three consecutive months have the least total number of days?

- Write LXXVI as a standard numeral.
- Find n. $64 \div 4 = n$
- TRUE OR FALSE: Polygons are named by the number of sides, angles and vertices of each.
- John bought 3 loaves of bread for $4.77. What was the cost of one loaf?

- A ? graph shows information on parts of a circle.
- In the problem $160 \div 30$, is the remainder 9?
- A "stop" sign for traffic has what geometric shape?
- Three pairs of socks cost $3.96. Find the price of one pair.

- Is 63 divisible by 3?
- Find n. $3.6 + 5.9 = n$
- Can a triangle be a quadrilateral?
- If Ann saves 10¢ a day, how much will she save in 3 weeks?

- Which is greater: $18 \times 1$ or $18 \times 0$? How much greater?
- Find n. $7 \times 3 = n$
- A "yield" sign for traffic has what geometric shape?
- Four calculators cost $50.00. Find the price of one.

- State CXL as a standard numeral.
- Find n. $2/3 + 1/3 = n$
- TRUE OR FALSE: All simple closed figures are polygons.
- A recipe calls for 3/4 cup of milk. Jane added an extra 1/6 cup of milk. How much did she use?

- State the property: $7 \times 0 = 0$.
- Find n. $57 \times \$5.89 = n$
- A pennant has ? sides and has a ? shape.
- State the value: 3 quarters, 5 dimes, and 8 pennies.

- What fractional part of an hour is 30 minutes?
- Find n. $958 \div 29 = n$
- Are the stripes of the U.S. flag parallel or perpendicular?
- Mr. Barnes painted 1/2 of a room one day and 1/3 of it another day. What fractional part of the room still needs to be painted?

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Math Trivial Pursuit

- ● 76
- ■ n = 16
- ▲ True
- ⬢ $1.59

Math Trivial Pursuit

- ● 6864
- ■ n = 180
- ▲ True
- ⬢ February, March, April

Math Trivial Pursuit

- ● Yes
- ■ n = 9.5
- ▲ No
- ⬢ $2.10

Math Trivial Pursuit

- ● Circle graph
- ■ No. It is 10.
- ▲ Octagon
- ⬢ $1.32

Math Trivial Pursuit

- ● 140
- ■ n = 3/3 or 1
- ▲ False—some are circles.
- ⬢ 11/12 cup

Math Trivial Pursuit

- ● 18 × 1; 18
- ■ n = 21
- ▲ Triangle
- ⬢ $12.50

Math Trivial Pursuit

- ● 1/2 hour
- ■ n = 33 R1
- ▲ Parallel
- ⬢ 1/6

Math Trivial Pursuit

- ● Zero property of multiplication
- ■ n = $335.73
- ▲ 3; triangular
- ⬢ $1.33

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- The basic unit of measure for temperature in the metric system.
- Find n. 2876 ÷ 6 = n
- A rectangle has ? angles and ? sides.
- What is the total number of days for October, December and March?

- Is 81 divisible by 4?
- Find n. $28,135 - 16,409 = n
- How many vertices has a pentagon?
- Harold bought a sandwich for $.98 and juice for $.59. Did he spend more than $1.50?

- Name the part of a fraction that is below the fraction bar signifying division.
- Find 1/7 of 14.
- A dodecagon has ? angles and ? sides.
- Dan weighs 75 lbs. His dad weighs 185 lbs. What is their combined weight?

- State the GCF for 4 and 12.
- Find n. 21 ÷ 3 = n
- How many angles are in a quadrilateral?
- Sue spent $2.75 at the Country Store. She gave the clerk $5.00. How much change did she receive?

- A number as it is written or read is called a ? .
- Find n. 5 × 293 = n
- A ball of yarn is in the shape of what geometric figure?
- There are ? days in a year.

- 9 tons = ? pounds
- Find n. 98 × 2 = n
- How does a hexagon differ from a quadrilateral?
- There are ? weeks in a year.

- Read this mathematical symbol: > .
- Find n. 99 ÷ 33 = n
- A pentagon has ? angles and ? sides.
- Paula's brother earns $63 a week. He saves 1/7 of this amount. How much does he save?

- 25 yards = ? feet
- Find n. 450 × 2 = n
- How many degrees are there in a straight line?
- How many possible outcomes are there for tossing a coin?

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- No
- n = $11,726
- Five
- Yes

- Celsius
- n = 479 R2
- 4; 4
- 93 days

- 4
- n = 7
- 4
- $2.25

- Denominator
- 2
- 12; 12
- 260 lbs.

- 18,000
- n = 196
- Hexagon—6 sides and angles; Quadrilateral—4 sides and angles
- 52

- Standard numeral
- n = 1465
- Sphere
- 365

- 75 ft.
- n = 900
- 180°
- 2

- Greater than
- n = 3
- 5; 5
- $9.00

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- Which has the greater value: CX or XC?
- Find n. 5/6 - 1/12 = n
- Name a three-dimensional geometric figure having all rectangular faces.
- Marge ran the first lap in 2.39 minutes and a second lap in 2.47 minutes. How much slower was she in the second lap?

- 1 m = ? cm
- Find n. 5.4 × 7.2 = n
- Can a parallelogram be a square?
- The temperature inside a refrigerator is ? . (a) 4°C, (b) -10°C, (c) 15°C

- TRUE OR FALSE: All numbers in a fraction below the division bar are called numerators.
- The sum of 3/4 and 1/8 is what number?
- A decagon has ? angles and ? sides.
- Maria walks 3.75 km to school each day. This distance rounded to the nearest whole number is ? .

- 60 mm ? cm
- Find n. 1/2 = n/10
- Can a square be a quadrilateral?
- Dan has 42 spaceship stickers. How many groups of 6 stickers can he make?

- Round $28.73 to the nearest dollar.
- Find n. 6 + 4 2/15 = n
- A square garden plot has sides of 9 m. What is its area?
- Leo ran a race in 63.35 seconds. Rich ran the race in 3.24 seconds less than Leo. What was Rich's time?

- State the LCD for 3/8 and 7/10.
- Find n. 1/2 ÷ 4/9 = n
- Are the ties of a railroad track parallel or perpendicular to each other?
- Pam bought 3 pencils, 1 pen, 2 notebooks, 1 compass and 1 eraser. Her total cost was $7.09. What was her change from a $10 bill?

- State 3/24 in simplest form.
- Find n. 54 ÷ 10 = n
- Is the seat of a chair parallel or perpendicular to the back of the chair?
- A travel agent reserved 24 plane seats for a tour group. There are 3 seats in each row. How many rows did the travel agent reserve?

- Is 81 divisible by 3?
- Find n. 10 1/2 ÷ 2 1/8 = n
- A hexagon has ? angles and ? sides.
- A loaf of bread is 30 cm long. It is cut into 2 cm slices. How many slices are there?

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Math Trivial Pursuit

- 100
- n = 38.88
- No
- (a)

Math Trivial Pursuit

- CX
- n = 9/12 or 3/4
- Rectangular prism
- .08 minutes

Math Trivial Pursuit

- 6
- n = 5
- Yes
- 7 groups

Math Trivial Pursuit

- False
- 7/8
- 10; 10
- 4 km

Math Trivial Pursuit

- 40
- n = 1 1/8
- Parallel
- $2.91

Math Trivial Pursuit

- $29.00
- n = 10 2/15
- 81 sq. m
- 60.11 seconds

Math Trivial Pursuit

- Yes
- n = 4 16/17
- 6; 6
- 15 slices

Math Trivial Pursuit

- 1/8
- n = 5.4
- Perpendicular
- 8 rows

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- State the GCF for 12 and 16.
- Find n. $4/5 \times 1/3 \times 10/12 = n$
- Can a rectangle be a square?
- Four records cost $7.32. Find the price of one record.

- There are ? minutes in one hour.
- Find n. $8000 \times 7 = n$
- A triangle has ? vertices.
- Sue needs a room 25 feet long to make a shuffleboard court. The garage is 9 yards long. Is the garage long enough?

- Round 24,573 to the nearest thousand.
- Find n. $63/14 = 18/n$
- An octagon has ? angles and ? sides.
- A small airline company has 12 planes. They keep 3 planes in each hangar. How many hangars do they use?

- State 24/27 in simplest form.
- Find n. $158 \times 5 = n$
- A circle has ? vertices.
- Chris expected to use 150 lbs. of clay for a project. She used an average of 20 lbs. per day for 6 days. Did she use all of the clay?

- 300 seconds = ? minutes
- Find n. $32 \div 8 = n$
- Are the lines on notebook paper parallel or perpendicular to each other?
- Lisa needs 6 pearl buttons. If there are four buttons on a card, how many cards does she need?

- There are ? feet in 1 yard.
- Find n. $280 \div 70 = n$
- How does a triangle differ from a pentagon?
- Fred paid a 40¢ toll with 4 coins. He did not use dimes. What coins did he use?

- TRUE OR FALSE: The greater of two integers is the integer farther to the right of the number line.
- Find n. $800 \times 8 = n$
- A pencil has what geometric shape?
- Walt bought 12 apples. He used 1/2 of them to make a pie. How many apples did he use?

- 9 feet = ? inches
- Find n. $1800 \div 9 = n$
- TRUE OR FALSE: A one-dollar bill has four right angles.
- Tom made 9 straw baskets. Three had handles. Four had tops. The rest were plain. How many were plain?

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Math Trivial Pursuit

- ● 60
- ■ n = 56,000
- ▲ 3
- ⬢ Yes

Math Trivial Pursuit

- ● 4
- ■ n = 2/9
- ▲ No
- ⬢ $1.83

Math Trivial Pursuit

- ● 8/9
- ■ n = 790
- ▲ No
- ⬢ No

Math Trivial Pursuit

- ● 25,000
- ■ n = 4
- ▲ 8; 8
- ⬢ 4 hangars

Math Trivial Pursuit

- ● 3
- ■ n = 4
- ▲ Triangle—3 sides and angles; Pentagon—5 sides and angles
- ⬢ 1 quarter and 3 nickels

Math Trivial Pursuit

- ● 5
- ■ n = 4
- ▲ Parallel
- ⬢ 2 cards

Math Trivial Pursuit

- ● 108
- ■ n = 200
- ▲ True
- ⬢ 2

Math Trivial Pursuit

- ● True
- ■ n = 6400
- ▲ Cylinder
- ⬢ 6 apples

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- A centimeter is ? meter.
- Find n. $7.52 - n = $.84
- TRUE OR FALSE: A stop sign has four right angles.
- What operation is needed to solve the problem: Frank bought a basketball and a football. How much did he spend?

- Find the average for 10, 5, and 15.
- Find n. $1300 \times 4 = n$
- Can a square be a parallelogram?
- Sue has 1 quarter, 2 dimes and 4 pennies. Can she buy a 45¢ postcard?

- State three and five tenths in decimal form.
- Find n. $39 \times 91 = n$
- A square pyramid has ? faces.
- Karen ran 2.71 km and Charles ran 2.17 km. What is the difference in their distances?

- There are ? inches in 1 foot.
- Find n. $7.50 + 0 = n$
- A square has ? vertices.
- What information is needed to solve the problem: Kim bought 6 books about rocks. What was the total cost?

- 500 cm = ? m
- Find n. $360 \div 45 = n$
- A heptagon has ? vertices.
- Joe bicycled 13.43 km and 11.78 km in two days. How many km did he bicycle in all?

- There are ? seconds in 1 minute.
- Find n. $538 - n = 126$
- Can a quadrilateral be a pentagon?
- What operation is needed to solve the problem: Pete took 3 books home from the library. His brother took 4 books. How many books in all did they take?

- Use $>, <, =$: 6.7 ? 6.70.
- Find n. 30¢ + 30¢ + 30¢ + 40¢ - 4¢ = n
- A line has ? endpoints.
- Allen bought 5 pencils for 30¢ each. His change was $8.50. How much money did he give the salesclerk?

- 9 minutes = ? seconds
- Find n. $7.00 - .68 = n
- TRUE OR FALSE: A sphere has no flat surfaces.
- A dinosaur model cost $6.35. Sharon pays $10.00. What is her change?

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Math Trivial Pursuit

- 10
- n = 5200
- Yes
- Yes

Math Trivial Pursuit

- .01 or 1/100
- n = $6.68
- False
- Addition

Math Trivial Pursuit

- 12
- n = $7.50
- 4
- The cost of one book

Math Trivial Pursuit

- 3.5
- n = 3549
- Five
- .54 km

Math Trivial Pursuit

- 60
- n = 412
- No
- Addition

Math Trivial Pursuit

- 5
- n = 8
- 7
- 25.21 km

Math Trivial Pursuit

- 540
- n = $6.32
- True
- $3.65

Math Trivial Pursuit

- =
- n = $1.26
- No
- $10.00

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- State the property: $6 \times 52 = 52 \times 6$.
- Find n. $3 \times 316 = n$
- TRUE OR FALSE: All of the radii of a circle have the same length.
- Each of 3 refreshment stands stocked 1600 cans of orange juice. How many cans of orange juice were stocked in all?

- Water boils at ? °F.
- Find n. $2 \times 100 \times 2 = n$
- TRUE OF FALSE: A radius has both endpoints on the circle.
- Amount paid: $5.00; cost of item: $3.45; change: ?.

- 500 cm = ? dm
- Find n. $1482 - 508 = n$
- A license plate has what geometric shape?
- Pat's breakfast cost $1.50. How much change does she get from $5.00?

- There are ? hours in a day.
- Find n. $(3 \times 2) \times 59 = n$
- A quadrilateral has ? angles and ? sides.
- In a distance race, a balloon traveled 219 feet. The winning balloon traveled 3 times as far. How far did the winner travel?

- Water freezes at ? °F.
- Find n. $984 \div 6 = n$
- TRUE OR FALSE: A circle is named by the center point of the circle.
- What time is it 2 hours before 3:30?

- Is 38 divisible by 2?
- Find n. $6 \times 126 = n$
- A nonagon has ? angles and ? sides.
- A dinosaur book costs $3.35. The amount paid is $5.00. The change is ?.

- TRUE OF FALSE: The centimeter is a unit of capacity in the metric system.
- Find n. $99.2 - .5 = n$
- TRUE OF FALSE: A line of symmetry divides a figure into two congruent parts.
- Sports books were on sale for $9.89 each. Mark bought 4 books. How much did he spend?

- 6/10 and 3/4 are ? fractions.
- Find n. $n + 14 = 130$
- A circle contains ? degrees.
- Bart left the house at 10:20 a.m. He returned 2 hours and 50 minutes later. What time did he return?

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Math Trivial Pursuit

- 212°
- n = 400
- False—one point is in the center of the circle.
- $1.55

Math Trivial Pursuit

- Commutative property of multiplication
- n = 948
- True
- 4800 cans

Math Trivial Pursuit

- 24
- n = 354
- 4; 4
- 657 ft.

Math Trivial Pursuit

- 50
- n = 974
- Rectangle
- $3.50

Math Trivial Pursuit

- Yes
- n = 756
- 9; 9
- $1.65

Math Trivial Pursuit

- 32°
- n = 164
- True
- 1:30

Math Trivial Pursuit

- Nonequivalent
- n = 116
- 360°
- 1:10 p.m.

Math Trivial Pursuit

- False—centiliter
- n = 98.7
- True
- $39.56

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- TRUE OR FALSE: Fractions with the same denominators are called like denominators.
- Find n. $82.7 \times 100 = n$
- TRUE OR FALSE: A six-sided figure and a five-sided figure are congruent figures.
- If it is 9:30 p.m. in St. Louis, what time will it be in New York?

- State the mode in the list: 13, 12, 15, 12, 18, 13, 17, 12.
- Find n. $12 \times 12 = n$
- TRUE OR FALSE: A shape can have more than one line of symmetry.
- There are ? days in a week.

- Name the answer in a subtraction problem.
- Estimate. $\$4.98 + 3.20 = ?$
- A cube has ? faces, ? edges, and ? vertices.
- What do you need to know to solve the problem: Kim bought a gift. She gave the clerk $20.00. How much change did she receive?

- State 13/4 as a mixed numeral.
- Find n. $1000 \times 3 \times 3 = n$
- TRUE OR FALSE: The center of a circle is the same distance from any point on the circle.
- Pam began school at 8:30 a.m. She spent 3 hours and 15 minutes in class. What time was it then?

- When a numerator and a denominator of a fraction can only be divided by one, the fraction is said to be ?.
-  Find n. $\$3.28 \div 8 = n$
- Name a geometric figure whose points are in more than one plane.
- Tom sold 3 boxes of pennants at a football game. There were 300 pennants in each box. How many pennants did he sell?

- The customary system for measuring temperature is called ?.
- Find n. $19.656 \div 7 = n$
- The segment where two faces of a space figure meet is called ?.
- State the value: 3 quarters, 8 dimes, and 6 nickels.

- There are ? inches in 1 yard.
- Find n. $72 \div 8 = n$
- A refrigerator has what three-dimensional shape?
- Are you more likely to go snow skiing or water skiing if the temperature is 30°F?

- What are the factors of $7^3$?
- Find n. $2800 \div 40 = n$
- A three-dimensional figure whose faces are triangles with a common vertex.
- What information is needed to solve the problem: Brooke drove 25 miles to work and 12 miles to the store. What was the new mileage reading?

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Math Trivial Pursuit

- ● 12
- ■ n = 144
- ▲ True
- ⬢ 7

Math Trivial Pursuit

- ● True
- ■ n = 8270
- ▲ False
- ⬢ 10:30 p.m.

Math Trivial Pursuit

- ● 3 1/4
- ■ n = 9000
- ▲ True
- ⬢ 11:45 a.m.

Math Trivial Pursuit

- ● Difference
- ■ $8.00
- ▲ 6, 12, 8
- ⬢ How much was the cost of the gift?

Math Trivial Pursuit

- ● Degrees Fahrenheit
- ■ n = 2.808
- ▲ Edge or line segment
- ⬢ $1.85

Math Trivial Pursuit

- ● In lowest terms
- ■ n = $.41
- ▲ Space figure or three-dimensional
- ⬢ 900 pennants

Math Trivial Pursuit

- ● $7 \times 7 \times 7$
- ■ n = 70
- ▲ Pyramid
- ⬢ Mileage reading at beginning of trip

Math Trivial Pursuit

- ● 36
- ■ n = 9
- ▲ Rectangular prism
- ⬢ Snow skiing

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- State the property: $76 \times 1 = 76$.
- Find n. $5.3 \div 10 = n$
- Name three road signs whose shapes have symmetry.
- An artist completed 3/4 of her painting in 6 hours. About how many hours will it take to complete the entire painting?

- The highest score was 98. The lowest score was 65. What was the range of the scores?
- Find n. $7 \times n = 84$
- The sum of all the angles of a triangle is ___?___.
- How much money is 2 quarters and 1 dime?

- State the GCF of 15 and 25.
- Find n. $62.5 \div .5 = n$
- If two of the angles of a triangle are 65° and 70°, what is the measure of the third angle?
- The Berkeley School sent 20 students to the track meet. Roosevelt and Cleveland Schools each sent 60 students. How many students came from all 3 schools?

- The prefix *kilo* means ___?___.
- Find n. $13\ 5/6 + 3\ 3/4 = n$
- If two of the angles of a triangle are identified as 100° and 30°, what kind of a triangle is it?
- It takes 7 lemons to make 2 liters of lemonade. How many lemons are needed to make 8 liters of lemonade?

- To write a percent as a decimal, move the decimal point two places to the ___?___.
- Find n. $80{,}000 + 9000 + 2 = n$
- Can a triangle be both a right triangle and an equilateral triangle?
- Sara can swim 2 lengths of the pool in 3 minutes. If she swims at the same pace, how long will it take her to swim 8 lengths?

- Name the way of organizing time in days, weeks, months and years.
- Find n. 3/5 of $2/5 = n$
- Can a triangle be both an obtuse and scalene triangle?
- Joyce has 18 plants. She uses 1/6 can of water for each plant. How many full cans of water does she use on her plants?

- State the GCF for 48 and 18.
- Find n. $6 + 4 + 5 = n$
- Can a square be a rectangle?
- In the Celsius measure, how many degrees are there between the freezing and boiling points of water?

- State the property: Changing the order of the addends does not change the sum.
- Find n. $28 \div 4/7 = n$
- TRUE OR FALSE: Three intersecting lines form perpendicular lines.
- Tickets to a piano recital cost $5.00 each. If twelve people attend, what will be the total cost?

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Math Trivial Pursuit

- 33
- n = 12
- 180 degrees
- $.60

Math Trivial Pursuit

- Identity of multiplication
- n = .53
- Stop, yield, caution signs
- 8 hours

Math Trivial Pursuit

- Thousand
- n = 17 7/12
- Obtuse triangle
- 28 lemons

Math Trivial Pursuit

- 5
- n = 125
- 45°
- 140 students

Math Trivial Pursuit

- Calendar
- n = 6/25
- Yes
- 3 cans

Math Trivial Pursuit

- Left
- n = 89,002
- No
- 12 minutes

Math Trivial Pursuit

- Common property of addition
- n = 49
- False—two lines
- $60.00

Math Trivial Pursuit

- 6
- n = 15
- Yes
- 100 degrees

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- A sentence that uses numbers to tell a story is called a ___?___.
- Find n. 20% of 135 = n
- Which quadrilaterals must have perpendicular lines?
- Bill made 160 drawings for his book of cartoons. He worked a total of 40 hours. What was the average number of drawings made per hour?

- Complete the pattern. 10, 11, 13, 16, 20, ___?___
- Find n. 9 + 3 1/2 + 1/2 = n
- TRUE OR FALSE: A diameter is also a chord.
- An artist spent $12.50 for a canvas, $28.00 for paints, and $9.25 for other materials. What was the total cost?

- What is 6/14 in lowest terms?
- Find n. 96 - 3 = n
- Identify the figure: A quadrilateral that is both a rectangle and a rhombus.
- Rich bought a football for $18.96. The tax was $1.31. He gave the cashier $20.00. Did he have enough money?

- State the LCM of 4 and 18.
- Find n. 50 × 40 = n
- TRUE OR FALSE: All squares are similar.
- A snare drum is 1/4 as wide as a bass drum. A bass drum is 64 inches across. How wide is a snare drum?

- State in exponent form: 12 × 12 × 12.
- Round 18.06 to the nearest tenth.
- TRUE OR FALSE: Some quadrilaterals are hexagons.
- Soccer sweatshirts cost $9.00 each. How many sweatshirts can the store manager buy with $500.00?

- 45 l = ___?___ ml
- Find n. 49 × 28 = n
- TRUE OR FALSE: Every radius in a circle must be congruent.
- 1 small piñata costs $3.00; 1 large piñata costs $4.00. Four small piñatas and how many large piñatas can be bought for $20.00?

- 2500 km = ___?___ m
- Find n. .034 × 1000 = n
- TRUE OR FALSE: Two radii make one diameter.
- Jen pays $.21 for each newspaper and sells each one for $.30. If she has 50 customers, how much money does she earn in one day?

- What is the reciprocal of 3 1/2?
- Find n. 7 2/5 - 4 1/3 = n
- Is it possible to have a right scalene triangle?
- Kathy worked 138 hours in 23 days. If she worked the same number of hours every day, how many hours did she work in one day?

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Math Trivial Pursuit

- 25
- n = 13
- True
- $49.75

Math Trivial Pursuit

- Number sentence
- n = 27
- Squares and rectangles
- 4 drawings

Math Trivial Pursuit

- 36
- n = 2000
- True
- 16 inches

Math Trivial Pursuit

- 3/7
- n = 93
- Square
- No, he needs $20.27.

Math Trivial Pursuit

- 45,000
- n = 1372
- True
- 2 piñatas

Math Trivial Pursuit

- $12^3$
- 18.1
- False
- 55 sweatshirts

Math Trivial Pursuit

- 2/7
- n = 3 1/15
- Yes
- 6 hours

Math Trivial Pursuit

- 2,500,000 m
- n = 34
- True
- $4.50

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- A decimal in which a digit or a group of digits repeats endlessly in a particular pattern is called a ?.
- State the standard number for 70,000,000,000 + 50,000 + 9.
- Name the instrument used to measure angle degrees.
- It takes about six ? to fly from New York to London. a) days, b) hours, c) minutes

- The value of a digit determined by its position in the number is called ?.
- Round $651.00 to the nearest 10.
- The distance around a polygon is called the ?.
- 1 day equals ? minutes.

- 395 or 39,555 . . . indicates a ? decimal.
- What is 1 million less than 9,450,913,700.
- A triangle with all the angles congruent is called ?.
- 1 century equals ? years.

- A letter used to represent an unknown number is called a ?.
- Find n. n + 4 = 4 + 6
- A line segment with one endpoint on the circle and the other endpoint at the center is called a ?.
- Bill says that 1 pint equals 2 cups. Sarah says that 1 pint equals 4 cups. Who is correct?

- A fraction in which the numerator is equal to or greater than the denominator is called ?.
- What is 1 billion more than 93,456,873,902?
- The screen on a TV set is in the shape of what geometric figure?
- A decade equals ? years.

- Two integers that are the same distance from zero on the number line are ?.
- Estimate for n. Then find its difference. 62,986 - 32,806 = n
- Name a polygon with five sides.
- On a paper drive, a school collected 4500 lbs. of newspaper for recycling. How many tons is this?

- A fraction whose numerator is less than the denominator is called a ?.
- Find n. (8 + 4) - (6 + 2) = n
- Name a polygon that has four sides and four angles whose sum is 360°.
- Betty needed to pour one quart of punch from a large bowl. If she had only a pint container, how many times would she need to fill it to equal one quart?

- A pair of numbers used to locate a point on a quadrant is called ?.
- Find n. 452,671 + 477,852 = n
- A flat surface extending endlessly in all directions is called a ?.
- One pound equals ? ounces.

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Math Trivial Pursuit

- Place value
- $650
- Perimeter
- 1440

Math Trivial Pursuit

- Repeating decimal
- 70,000,050,009
- Protractor
- b) hours

Math Trivial Pursuit

- Variable
- n = 6
- Radius
- Bill

Math Trivial Pursuit

- Repeating decimal
- 9,449,913,700
- Equilateral triangle
- 100

Math Trivial Pursuit

- Opposite integers
- n = 30,000; 30,180
- Pentagon
- 2.25 tons

Math Trivial Pursuit

- Improper fraction
- 94,456,873,902
- Square or rectangle
- 10

Math Trivial Pursuit

- Ordered pair/Coordinates
- n = 930,523
- Plane
- 16

Math Trivial Pursuit

- Proper fraction
- n = 4
- Quadrilateral
- 2 times

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- A whole number that is greater than one, with only two factors, itself and one is called a ___?___.
- Find n. $96.47 - 84.83 = n
- A polygon with eight sides is called ___?___.
- A recipe calls for 1 cup of milk and 1/2 cup of vegetable oil. How many fluid ounces is this in all?

- Two fractions whose product equals one are called ___?___.
- TRUE OR FALSE: $36 \times 10 \times 10 = 36 \times 100$
- Name a quadrilateral with opposite sides parallel. Each pairs of opposite sides and angles are congruent.
- If three pairs of socks cost $3.96, what is the cost of one pair of socks?

- Two ratios equal in value is called a ___?___.
- Find n. $3^4 \times 15 = n$
- A triangle with angles less than 90° is called an ___?___.
- How many years are in a score?

- Fractions that have different denominators are called ___?___.
- Find n. $(2 \times 5) + (2 \times 4) = n$
- Name a part of a line that has one endpoint and extends endlessly in one direction.
- On a shuttle flight, Sally Ride worked for 94 hours, read for 18 hours and slept for 65 hours. How many more hours did she work than read?

- Writing a number as a product of all primes is called ___?___.
- TRUE OR FALSE: $4 \times 3 \times 4 \times 1 = 3 \times 16$
- Name the angle that measures 90°.
- John bought 1 gallon of ice cream. He wanted to change the contents to quart containers. How many quart containers would he need?

- A whole number less than zero is called ___?___.
- Find n. $5 \times 7 + 3 - 2 = n$
- A parallelogram with four right angles is called a ___?___.
- Twelve months equals what period of time?

- TRUE OR FALSE: One is a factor of every number.
- Find n. 1/4 of 8 = n
- Lines in the same plane that will never intersect are called ___?___.
- Bill used a meterstick to measure 1 millimeter. He wants to change the measure to meters. What would the equal measure be?

- The number that occurs most often in a series of numbers is called the ___?___.
- Find n. $2000 \div 4 = n$
- A parallelogram with all sides congruent is called a ___?___.
- In a bike-a-thon, Jerry traveled a distance of 19 kilometers. How many meters is this?

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Math Trivial Pursuit

- Reciprocal
- True
- Parallelograms
- $1.32

Math Trivial Pursuit

- Prime number
- n = $11.64
- Octagon
- 12 fl. oz.

Math Trivial Pursuit

- Unlike fractions
- n = 18
- Ray
- 76 hours

Math Trivial Pursuit

- Proportion
- n = 1215
- Acute triangle
- 20 years

Math Trivial Pursuit

- Negative integer
- n = 36
- Rectangle
- Year

Math Trivial Pursuit

- Prime factorization
- True
- Right angle
- 4 containers

Math Trivial Pursuit

- Mode
- n = 500
- Rhombus
- 19,000 meters

Math Trivial Pursuit

- True
- n = 2
- Parallel lines
- .001 meters

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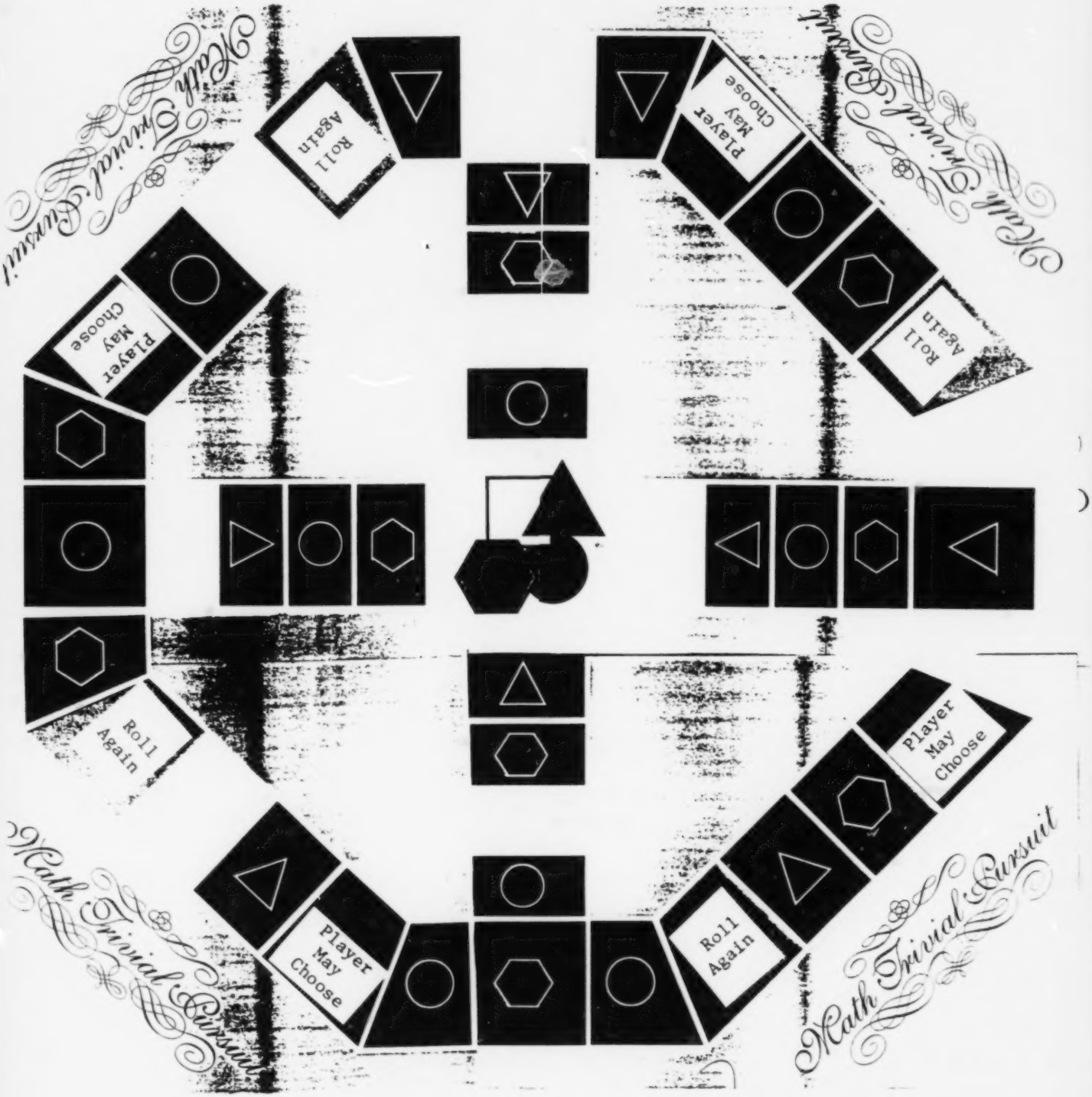




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- Name the numbers that are multiplied to give a product.
- Find n. $12 \times 9 = n$
- Name a triangle with one right angle.
- If sales tax is $.07 per dollar, how much tax would there be on $10.00?

- Name the answer in addition.
- Find n. $1/6$ of $6 = n$
- Name the polygon with four right angles and four equal sides.
- Mrs. Jost bought Halloween candy for her class. If 4 bags were on sale for $1.00, how much did 16 bags cost?

- A line that shows numbers in order is called a ___?___.
- Find n. $14 \times 12 \times 2 \times 6 \times 0 \times 9 \times 3 \times 5 = n$
- A polygon with three sides is called a ___?___.
- State the value: 3 half dollars, 2 dimes, and 5 nickels.

- A whole number greater than zero is called a ___?___.
- Find n. $2/3 \times 6/11 = n$
- Figures that have the same shape, but not necessarily the same size are called ___?___.
- Would a house be measured in meters or kilometers?

- Fractions that have the same denominators are called ___?___.
- Find n. $20 \times 1000 = n$
- Name a quadrilateral with exactly one pair of opposite sides parallel.
- A serving of pudding is about 130 ___?___. a) g, b) kg, c) mg

- The metric unit for measuring temperature is called ___?___.
- Estimate the sum for $2.86 + 3.19$.
- The sum of the areas of all the faces of a space figure is called ___?___.
- The distance of a trip from state to state is measured in what metric unit?

- State the property: $8 + 0 = 8$.
- Find n. $1000 - 498 = n$
- Name an angle that measures 180°.
- The thickness of a dime is measured in ___?___. a) m, b) cm, c) mm

- Name the first five multiples of 3.
- Find n. $(4 + 1\ 3/8) + 2\ 2/8 = n$
- A part of a line having two endpoints is called a ___?___.
- What is the average temperature for 41°, 35°, 40°, 43°, 44°, 45°, 39°?

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Math Trivial Pursuit

- Sum
- n = 1
- Square
- $4.00

Math Trivial Pursuit

- Factors
- n = 108
- Right triangle
- $.70

Math Trivial Pursuit

- Positive integer
- n = 4/11
- Similar figures
- Meters

Math Trivial Pursuit

- Number line
- n = 0
- Triangle
- $1.95

Math Trivial Pursuit

- Celsius
- 6.00
- Total surface area
- km

Math Trivial Pursuit

- Like fractions
- n = 20,000
- Trapezoid
- a) g

Math Trivial Pursuit

- 3, 6, 9, 12, 15
- n = 7 5/8
- Line segment
- 41°

Math Trivial Pursuit

- Identity property of addition
- n = 502
- Straight angle or line
- c) mm

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- Name the set of numbers . . . -3, -2, -1, 0, +1, +2, +3, . . .
- Find n. 1/6 + 2/3 = n
- A triangle with two sides the same measure is called ?.
- My purchase cost is $2.87. I pay $3.00. How much is my change?

- Name the number by which another number is to be divided.
- Find n. 1/3 = n/12
- Name a polygon with ten sides.
- What fraction of an hour is 45 minutes?

- A drawing used to show information is called a ?.
- Find n. 5/9 - 3/9 = n
- Lines that cross at one point are said to ?.
- If tax is $.07 per dollar, how much is the tax on a $5.03 purchase?

- A number that tells how many times a base number is used as a factor is called an ?.
- Find n. (78 - 6) ÷ 9 = n
- A triangle whose sides are all equal in length is called an ?.
- Would you wear a coat if it were 37° Celsius?

- A number sentence with an equal sign is called an ?.
- Multiply 9 by 8 and then add 5.
- Name a polygon with six sides.
- The regular price of an item is $15.00. Its sale price is $9.00. What is the savings?

- Name the measurement system that measures in meters, liters and grams.
- Find 1/3 of 27¢ and then add 4¢.
- Name an angle which measures less than 90°.
- Patrick walks 2.57 km to school each day. Round this number to the nearest km.

- In the Celsius temperature, what is the degree for indicating the freezing point?
- Find n. 8.143 - 6.61 = n
- Name the point at the end of a line segment or a ray.
- Tom had $12.40. He spent $6.50. How much did he have left?

- State the factors of 20.
- Find n. $14.00 + 2.96 = n
- How many sides has a hexagon?
- The first day of the week is ?.

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Math Trivial Pursuit

- Divisor
- n = 4
- Decagon
- 3/4

Math Trivial Pursuit

- Integers
- n = 5/6
- Isosceles
- $.13

Math Trivial Pursuit

- Exponent
- n = 8
- Equilateral triangle
- No

Math Trivial Pursuit

- Graph
- n = 2/9
- Intersecting lines
- $.35

Math Trivial Pursuit

- Metric system
- 13¢
- Acute angle
- 3 km

Math Trivial Pursuit

- Equation
- 77
- Hexagon
- $6.00

Math Trivial Pursuit

- 1, 2, 4, 5, 10, 20
- n = $16.96
- 6
- Sunday

Math Trivial Pursuit

- 0°
- n = 1.533
- Endpoint or vertex
- $5.90

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- State the median for this list of numbers. 5, 3, 8, 7, 13
- Find n. 5.07 - 2.2 = n
- What is the name of an angle that measures 135°?
- What is the total number of dots on a die?

- In mathematical data, the difference between the greatest and least numbers in a list of numbers is called the ___?___.
- Find the interest on $600.00 at 7% for 2 years.
- Find the circumference.

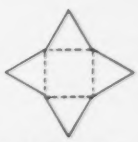
- Write the ratio for 5 runs in 8 innings.

- Which is a prime number: 16, 18, 21, 23, 25?
- Find n. 40% of 130 = n
- If the diameter of a circle is 18 cm, what is its radius?
- There are ___?___ months in a year.

- Which number is odd: 44, 28, 65, 12?
- Find n. 20,000 + 4000 + 300 + 60 + 2 = n
- This is a pattern for what space figure?

- Ruth is 52 inches tall. What is her height in feet and inches?

- What is the place value for the 6 in the number 5.63?
- Find n. 7/8 × 24 = n
- If assembled, what would this figure become?



- To make a sign for a 1 acre lot that is for sale, a signmaker needs to know how many square feet are in 1 acre. Do you know?

- State the missing unit of measure: 6000 mm = 6 ___?___.
- Find n. - 9 - (-4) = n
- State the formula for the perimeter of a circle.
- The term *semiweekly* means ___?___.

- What are the first four multiples of 6?
- Find n. 3/20 = n %
- The volume of a rectangular prism is 45 cubic cm. Its width is 5 cm and its height is 3 cm. What is its length?
- Would you use milliliters, liters or kiloliters to fill a swimming pool?

- What is the product of $2^3$?
- Find n. 8 × 9 = n
- State the formula for the area of a circle.
- Would you need to know the perimeter, area or volume of a picture in order to frame it?

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Math Trivial Pursuit

- Range
- $84.00
- 31.4
- 5/8 or 5 to 8

Math Trivial Pursuit

- 7
- n = 2.87
- Obtuse angle
- 21 dots

Math Trivial Pursuit

- 65
- n = 24,362
- Cone
- 4 ft. 4 in.

Math Trivial Pursuit

- 23
- n = 52
- 9 cm
- 12

Math Trivial Pursuit

- Meters
- n = -5
- $P = \pi\ d$ or $P = \pi\ 2r$
- Occurring twice a week

Math Trivial Pursuit

- Tenths
- n = 21
- Square pyramid
- 43,560

Math Trivial Pursuit

- 8
- n = 72
- $A = \pi\ r^2$
- Perimeter

Math Trivial Pursuit

- 6, 12, 18, 24
- n = 15%
- 3 cm
- Kiloliters

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- State 60% written in lowest terms.
- Find n. 260 + 93 = n
- Name the instrument used in geometry to draw circles.
- The length of time in a fortnight is ? .

- A number that has exactly two factors, itself and one, is a ? .
- Find n. 20 - 4 3/7 = n
- Name the unit for measuring angles.
- A teacup would hold ? . a) 7 pints, b) 7 quarts, c) 7 fluid ounces

- TRUE OR FALSE: 1/4 = 4/20 is a proportion.
- Find n. .025 × 1000 = n
- A protractor has ? degrees.
- In a race, Mia's turtle traveled 3 yards and Pete's turtle traveled 102 inches. Whose turtle traveled farther?

- Numbers that can be read the same forward and backward, such as 212, are called ? .
- Find n. 3.49 + 7.62 = n
- Name the solid formed by plane faces.
- Hamburgers cost $3.95. French fries cost $.99. The Enright family ordered five hamburgers and five French fries. How much did they spend?

- "T" is the symbol for what weight measure?
- Find n. 8.05 - 4.945 = n
- A right angle measures less than an ? angle.
- Two nickels is the same amount as what single coin?

- What is the product of $10^2$?
- Find n. 5 1/3 = 4 n/3
- A protractor is used to measure ? .
- Timmy has $45.89. He spent $19.98 for a videotape and $8.98 for a cassette tape. How much money did he have left?

- What is the improper fraction for 5 4/9?
- Find n. (14/2) 8 - 5 = n
- Two lines in the same plane that never intersect are said to be ? .
- If it is 5:00 a.m. in Boston, Massachusetts, what time is it in San Diego, California?

- What is "three to the sixth power" written in exponent form?
- Use <, >, or = : 5.478 + 2.09 ? 9
- How many sides has an octagon?
- Kevin saved his allowance of $1.25 for 13 weeks. Todd saved his allowance of 75¢ for 26 weeks. Who saved more? How much more?

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Math Trivial Pursuit

- Prime number
- n = 15 4/7
- Degrees
- c) 7 fl. oz.

Math Trivial Pursuit

- 3/5
- n = 353
- Compass
- 14 days or two weeks

Math Trivial Pursuit

- Palindromes
- n = 11.11
- Polyhedron
- $24.70

Math Trivial Pursuit

- False
- n = 25
- 180°
- Mia's turtle

Math Trivial Pursuit

- 100
- n = 4
- Angle degrees
- $16.93

Math Trivial Pursuit

- Ton
- n = 3.105
- Obtuse
- Dime

Math Trivial Pursuit

- $3^6$
- <
- 8 sides
- Todd; $3.25

Math Trivial Pursuit

- 49/9
- n = 51
- Parallel lines
- 2:00 a.m.

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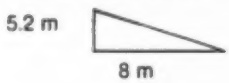
- The mathematician who created a system of patterns using numbers within a triangle was ___?___.
- Find n. 4/7 of 7 = n
- TRUE OR FALSE: Matching parts of congruent figures are called corresponding parts.
- If you wanted to put a fence around your yard, which would you need to know: area, perimeter or volume?

- Which is a composite number: 39, 41, 43, 47?
- Find n. 4 4/7 ÷ 8 = n
- State the formula for the area of a parallelogram.
- There are ___?___ months in a year.

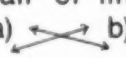
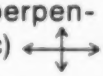
- Name the numeral 1 followed by 100 zeros.
- Find n. 1/6 of 42 = n
- TRUE OR FALSE: A polygon is a closed plane figure made of line segments.
- Pam makes quilts to sell in her shop. One quilt has 32 squares with 1/4 of the squares red. How many are red?

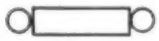
- What is the product of $5^3$?
- Find n. 3 2/3 × 4 1/2 = n
- State the area.




- Which activity would be enjoyed at 20° C? a) skiing, b) swimming, c) picnicking, d) ice skating

- Find the average. 42, 58, 67, 31, 44, 58
- Find n. 1/9 × 27/35 × 5/6 = n
- Name a polygon with nine sides.
- If it is 9:00 p.m. Eastern time, what time will it be in Kansas City, Kansas?

- What is the reciprocal of 3/11?
- Find n. 0 ÷ 9 = n
- Which pair of lines is perpendicular? a)  b) c) 
- Would you need to know the perimeter, area or volume of the floor to tile your kitchen floor?

- To change from a smaller unit of measure to a larger unit of measure, what operation is used?
- Find n. 3/8 × 3/4 × 8/9 = n
- This is a pattern for what space figure? 
- How many people make up a trio?

- State the median for 76, 68, 90, 90, 74.
- Find n. 0.98 + 0.42 = n
- Name the part of a line that has two endpoints.
- A scale drawing of a boat is 4 cm long. The scale used is 1 cm = 5 m. What is the length of the boat?

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Math Trivial Pursuit

- 39
- n =4/7
- A = length × width
- 12

Math Trivial Pursuit

- Pascal
- n = 4
- True
- Perimeter

Math Trivial Pursuit

- 125
- n = 16 1/2
- 20.8 sq. m
- c) picnicking

Math Trivial Pursuit

- Googol
- n = 7
- True
- 8 squares

Math Trivial Pursuit

- 11/3
- n = 0
- c)
- Area

Math Trivial Pursuit

- 50
- n = 1/14
- Nonagon
- 8:00 p.m.

Math Trivial Pursuit

- 76
- n = 1.4
- Line segment
- 20 m

Math Trivial Pursuit

- Division
- n = 1/4
- Cylinder
- 3

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- Show the digit for this integer: four degrees below zero.
- Find n. 2 hrs. 15 min. + 3 hrs. 15 min. = n
- The name of an endless flat surface is called a ___?___.
- Bill practiced 2 3/4 hours on Saturday and 3 1/3 hours on Sunday. How many hours did he practice on the weekend?

- The distance from St. Louis to New York is measured in feet, yards or miles?
- Find n. 480 + 360 = n
- Identify this geometric space figure.
- A group of 24 students went to the museum. It cost $2.50 per student. What was the total cost?

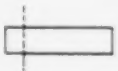
- State the improper fraction for 8 2/3.
- Find n. 1/2 × n/n = 8/16
- Identify this type of triangle.
- A water container holds 2 quarts of water. If the container is half full, how many pints does it contain?

- Numbers that read first, second, third, fourth, etc., are called ___?___ numbers.
- Find n. 2 × 3 + 8 = n
- A cereal box is in the shape of what geometric figure?
- The first month of the year is ___?___.

- Complete the pattern. 3, 7, 6, 10, 9, 13, ____, 16, 15, ____.
- Find n. n + 3/16 = 11/16.
- A closed plane figure bounded by straight lines is called a ___?___.
- The football team gained 17 yards and then lost 20 yards. How many yards did they gain or lose?

- In mathematical data, when all the numbers in a list are added and the sum is divided by the number of numbers in the list, the result is called the ___?___.
- Find n. 1/3 + 5/9 = n
- Name this polygon.
- A bus begins a 900 km trip. It travels 90 km per hour for 4 hours. How much farther must the bus go to complete the trip?

- State the range in the list of numbers. 20, 40, 10, 20
- 8 tens and 13 ones = ____ tens and ____ ones
- A drinking glass is in the shape of what geometric figure?
- How many people are in a quartet?

- What customary unit would you use to measure the length of the highway?
- Find n. 5 1/3 + 3 1/3 = n
- Does this figure have a line of symmetry? 
- Gary is 7 years older than Connie. The sum of their ages is 23. How old is Gary?

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GA1073

Math Trivial Pursuit

- Miles
- n = 840
- Hexagonal prism
- $60.00

Math Trivial Pursuit

- -4
- n = 5 hrs. 30 min.
- Plane
- 6 1/12 hours

Math Trivial Pursuit

- Ordinal numbers
- n = 14
- Rectangular prism
- January

Math Trivial Pursuit

- 26/3
- n = 8/8
- Right triangle
- 2 pints

Math Trivial Pursuit

- Mean or average
- n = 8/9
- Pentagon
- 540 km

Math Trivial Pursuit

- 12; 19
- n = 8/16
- Polygon
- Lost 3 yards

Math Trivial Pursuit

- Mile
- n = 8 2/3
- No
- 15

Math Trivial Pursuit

- 30
- 9 tens; 3 ones
- Cylinder
- 4

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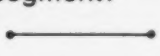
- 12 feet = ? yards
- Find n. 4/9 - 1/3 = n
- Name this space figure.
- State the information needed to solve this problem: Brad shared equally some stamps with five friends. How many stamps did each friend receive?

- State the value of 8°.
- Find n. (1/8 - 1/8) 1/3 = n
- Which is a line segment?
  a) b) 
- Cellophane is sold in 1368 inch rolls. State its approximate length in feet and inches.

- A decimal which ends is called a ? decimal.
- Find n. - 13 + (- 5) = n
- A triangle which contains one 90° angle is called a ? triangle.
- Of the 56 tourists who visited China, only 3/4 walked along the Great Wall. How many toured the Wall?

- For what is "LCD" the abbreviation?
- Find n. 1/2 of 1/3 = n
- A simple closed curve formed by line segments is called a ?.
- Windell Corporation pays $6.00 hourly rates. How much would you earn in one day working from 9:00 a.m. to 5:00 p.m.?

- "GCF" is the abbreviation for what mathematical phrase?
- Find n. 7 1/4 + n = 16
- Give two ways to name this line segment.
  
- A recipe for white bread that makes 6 loaves calls for 3/8 cup of sugar. How much sugar is used in 1 loaf of bread?

- A number that names a part of a group or part of a region is called a ?.
- Find n. 1/3 × 15 = n
- is the symbol for ? lines.
- Dan is a lifeguard. He works from 10:00 a.m.-4:00 p.m. Monday through Friday. He is paid $6.50 per hour. What is his weekly wage?

- State the property: 9(5 + 7) = 9(5) + 9(7).
- Find n. n - 5.4 = 10
- Give the name for $\overline{AC}$.
  
- A farmhand plowed 3/4 of a field. Soybeans were planted on 3/5 of the part plowed. Is more than 1/2 of the field planted in soybeans?

- The ounce, pound and ton are customary units used to measure ?.
- Find n. $7.80 × 70 = n
- A polygon whose line segment joins two vertices, but not on the same side, is called a ?.
- A housing development has 40 identical homes. Are the houses congruent?

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Math Trivial Pursuit

- 1
- n = 0
- b)
- 114 ft. or 38 yds.

Math Trivial Pursuit

- 4
- n = 1/9
- Cylinder
- Number of stamps Brad had

Math Trivial Pursuit

- Least Common Denominator
- n = 1/6
- Polygon
- $48.00

Math Trivial Pursuit

- Terminating decimal
- n = -18
- Right triangle
- 42

Math Trivial Pursuit

- Fraction
- n = 5
- Perpendicular
- $195.00

Math Trivial Pursuit

- Greatest Common Factor
- n = 8 3/4
- SE or ES
- 1/16 cup

Math Trivial Pursuit

- Weight
- n = $546.00
- Diagonal
- Yes

Math Trivial Pursuit

- Distributive property
- n = 15.4
- Diagonal
- No

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- A graph using pictures to represent a given quantity is called a ___?___.
- Find n. 3.59 = n%
- How many sides has a heptagon?
- When rolling a die, what is the probability that a six will occur?

- Is 12/11 a proper or improper fraction?
- State 0.5 as a percent.
- Find the area of a right triangle with a base of 6 m and a height of 4 m.
- Find the interest on a deposit of $200.00 at 6% for 3 years.

- In mathematical data, the number that occurs most often in a list of numbers is called a ___?___.
- Find n. 2 × $7.65 = n
- How many sides has a quadrilateral?
- The thickness of an eyelash is measured in ___?___. a) mm, b) cm, c) dm

- The GCF for 6 and 10 is ___?___.
- Find n. 7/100 = n%
- Identify this geometric space figure.
- After a discount of $40.00, a dress costs $89.50. What was the original cost?

- How many 1/6's equal a whole?
- Find n. 6 × 70 = n
- An angle that is formed by two perpendicular lines is called a ___?___ angle.
- How many legs does a tripod have?

- What is the exponent form for 6 × 6?
- Find n. 20% of 165 = n
- Is it possible to find the volume of a rectangular pyramid?
- Find the sale price of an item if the regular price is $35.00 and the discount is 15%.

- Continue the pattern: 0, 13, 26, 39, 52, ____, ____, ____.
- Find n. 3 × 123 = n
- A half circle is called a ___?___.
- If four bars of soap cost $1.20, how much would eight bars cost?

- The act of designating by the use of numbers is called ___?___.
- State as a decimal: 5 2/100
- Is it possible to measure the length of a line segment?
- How many objects are in a gross?

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Math Trivial Pursuit

- Improper
- 50%
- 12 sq. m
- $36.00

Math Trivial Pursuit

- Pictograph
- n = 359%
- 7
- 1 in 6

Math Trivial Pursuit

- 2
- n = 7%
- Hexagonal pyramid
- $129.50

Math Trivial Pursuit

- Mode
- n = $15.30
- 4
- a) mm

Math Trivial Pursuit

- $6^2$
- n = 33
- Yes
- $29.75

Math Trivial Pursuit

- 6 or 6/6
- n = 420
- Right angle
- 3

Math Trivial Pursuit

- Numeration
- 5.02
- Yes
- 144

Math Trivial Pursuit

- 65, 78, 91
- n = 369
- Semicircle
- $2.40

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- TRUE OR FALSE: 13 and 3 have no common factors.
- Find n. $4 + (6 \div 3) + 7 - 1 = n$
- Find the area of a triangle whose base is 4 inches and height is 12 inches.
- The term *semimonthly* means ___?___.

- State the integer for five seconds before blast-off of the space shuttle.
- Find n. Sixteen minus nine equals n.
- A circle has 360°. How many degrees are in 45% of a circle?
- If shirts are selling at a 10% discount, how much is saved on a shirt regularly selling for $12.50?

- TRUE OR FALSE: One is a factor of every number.
- Find n. $2/4$ of $6 = n$
- Identify this geometric space figure.
- The prefix *semi* means ___?___.

- The distance to cross the street is measured in feet, yards or miles?
- Find n. $4900 \div 70 = n$
- Is it possible to measure the length of a ray?
- A package weighs 982 grams. Is this weight more or less than a kilogram?

- Would you be weighed in miligrams, grams or kilograms?
- Find n. $75 \div 5 = n$
- The Armed Forces administration building in Washington, D.C., is in the shape of what geometric figure?
- Bill sleeps 25% of the day. How many hours is this?

- State the ratio of squares to triangles. □□□□△△
- Find n. $5 \times (4 + 6) = n$
- Is it possible to measure the length of a line?
- Colleen has $5.00. Can she purchase four bows for her hair at $2.75 a pair?

- In mathematical data, when a series of numbers is arranged in order, the middle number is called the ___?___
- Find n. $4/22 = 8/n$
- How many sides does a pentagon have?
- After 1/5 of the trees in Wilmore Park died, there were 85 left. How many trees were there originally?

- Give the mixed number for 19/8.
- Find n. $3 + 4 + 6 - 8 = n$
- The name usually given to this quadrilateral.
- Blouses were on sale for $9.00 each. Paula bought four. What was the total bill?

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Math Trivial Pursuit

- -5
- n = 7
- 162°
- $1.25

Math Trivial Pursuit

- False—1
- n = 12
- 24 sq. in.
- Occurring twice a month

Math Trivial Pursuit

- Yards
- n = 70
- No
- Less

Math Trivial Pursuit

- True
- n = 3
- Rectangular pyramid
- Half

Math Trivial Pursuit

- 4/2
- n = 50
- No
- No

Math Trivial Pursuit

- Kilograms
- n = 15
- Pentagon
- 6 hours

Math Trivial Pursuit

- 2 3/8
- n = 5
- Trapezoid
- $36.00

Math Trivial Pursuit

- Median
- n = 44
- 5
- 102

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- State in exponent form: $7 \times 7 \times 7 \times 7$.
- Multiply 748 by 100.
- A figure having seven sides is called a ___?___.
- The desert temperature at 9:00 a.m. was 75° F. By 3:00 p.m., it had risen 32°. What is the new temperature?

- Any one of two or more numbers to be added is called an ___?___.
- From the sum of 8274 + 3205, subtract 4530.
- A math book is in the shape of what geometric figure?
- Half past 7 is the same as what time?

- Complete the pattern. 1/5, 2/10, 3/15, ___, ___, ___
- Find n. 5/8 - 5/8 = n
- An object is folded so that both sides of the fold match. The object is said to have ___?___.
- A barrel cactus is a source of liquid in the desert. The pulp gives about 2 gallons of juice. How many pints is this?

- The answer given by a calculator or a computer is called the ___?___.
- State the number for 8 tens and 5 ones.
- The line segment has ___?___ endpoints.
- Beth had $6.00 and spent $2.00. Ruth had $5.00 and spent none of it. Who had more money?

- TRUE OR FALSE: The LCD of 7/8 and 9/10 is 80.
- Find n. 5 1/3 - 2 1/5 = n
- TRUE OR FALSE: Figures that are the same size but not the same shape are congruent.
- A stone block weighs 4860 lbs. Does it weigh more or less than 2 tons?

- Numbers that end with any of the digits 1, 3, 5, 7 or 9 are called ___?___ numbers.
- Find n. 3 more than 8 times 6 equals n.
- A triangle that contains one angle greater than 90° is called an ___?___ triangle.
- Five shirts cost $60.00. How much does each shirt cost?

- To change from a larger unit of measure to a smaller unit of measure, what operation is used?
- Find n. $1/8 \times 50 \times 3/6 = n$
- TRUE OF FALSE: Corresponding angles of similar polygons are not equal in value.
- Bev left Chicago, Illinois, at 4:30 p.m. on a 2-hour flight to Colorado Springs. What time did she arrive?

- What is the name of the system of measure based on the inch, foot, pound, quart and Fahrenheit scale?
- Find n. $6 \times n = 42$
- A quadrilateral is a polygon with ___?___ vertices.
- Bob is 49.5 inches tall and Gail is 48 inches tall. How much taller is Bob than Gail?

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GA1073

Math Trivial Pursuit

- Addend
- 6949
- Rectangular prism
- 7:30

Math Trivial Pursuit

- $7^4$
- 74,800
- Heptagon
- 107°

Math Trivial Pursuit

- Output
- 85
- 2
- Ruth

Math Trivial Pursuit

- 4/20, 5/25, 6/30
- n = 0
- Symmetry
- 16 pints

Math Trivial Pursuit

- Odd numbers
- n = 51
- Obtuse triangle
- $12.00

Math Trivial Pursuit

- False—40
- n = 3 2/15
- False—must be same shape
- More

Math Trivial Pursuit

- Customary or English unit of measure
- n = 7
- 4
- 1.5 inches

Math Trivial Pursuit

- Multiplication
- n = 3 1/8
- False
- 5:30 p.m.

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- A number which ends with a 0, 2, 4, 6 or 8 is called an ? number.
- What is 42 decreased by 8?
- Find the perimeter of a triangle with sides of 2 cm, 4 cm, and 7 cm.
- How many weeks are there from October 19 to December 21?

- The function that instructs a computer to accept and process information is called ?.
- Find n. $3 \times 27 = n$
- A rectangle has ? angles and ? sides.
- A walkman is on sale for $15.95. The original cost was $24.00. What is the amount of savings?

- State in exponent form: $3 \times 3 \times 3 \times 3 \times 3$.
- Add 4 to the product of 5 and 7.
- Find the area of the rectangle with a length of 8 m and a width of 4 m.
- What fractional part of an hour is 30 minutes?

- Any of the symbols used to write numbers in the Base 10 system are called ?.
- Find n. 25% of 160 = n
- A space figure whose faces are all rectangles is called a ?.
- Kathy had 18 eggs and used 2/3 of them for a souffle. How many eggs did she use?

- A numeral which uses a decimal point to separate the ones place from tenths place is called a ? numeral.
- From 10 take the product of 1/6 and 54.
- A line segment formed from the intersection of two faces of a space figure is called an ?.
- Bill runs 12 miles in 4 hours. How many miles does he average each hour?

- A command to the computer to save information on the screen is called ?.
- Find n. $5/n = 30/48$
- An exact location in space is called a ?.
- An aquarium is 18 cm by 12 cm by 8 cm. How many cubic centimeters of water will it hold?

- The number to be divided is called the ?.
- Find n. $8000 - 1962 = n$
- A silo for storing silage is in the shape of what space figure?
- The cost of 7 pencils is $.84. Find the cost for one pencil.

- State the property: $6 \times 0 = 0$.
- Find n. $7 \times 12 = n$
- A space figure shaped like a round ball is called a ?.
- Joyce weighs 63.8 pounds. Round her weight to the nearest pound.

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GA1073

Math Trivial Pursuit

- Enter
- n = 81
- 4; 4
- $8.05

Math Trivial Pursuit

- Even number
- 34
- 13 cm
- Nine

Math Trivial Pursuit

- Digits
- n = 40
- Rectangular prism
- 12 eggs

Math Trivial Pursuit

- $3^5$
- 39
- 32 sq. m
- 1/2 hour

Math Trivial Pursuit

- Print
- n = 8
- Point
- 1728 cu. cm

Math Trivial Pursuit

- Decimal numeral
- 1
- Edge
- 3 miles

Math Trivial Pursuit

- Zero property of multiplication
- n = 84
- Sphere
- 64 pounds

Math Trivial Pursuit

- Dividend
- n = 6038
- Cylinder
- $.12

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GA1073

- A number resulting from the division of one number by another is called a ___?___.
- Find n. $(18 - 8) \div 2 = n$
- A baseball is in the shape of what space figure?
- The size of a lawn for purchasing grass seed is measured in perimeter, area or volume?

- A symbol for a number is called a ___?___.
- Find n. $25.80 \div 6 = n$
- Matching parts on congruent figures are called ___?___.
- Using the Celsius thermometer, at what degrees does water boil and freeze?

- State the property: $2 + 3 = 3 + 2$.
- Find n. $3/8 + 1/6 = n$
- A circle has ___?___ sides.
- Sue spent $200.35 on her five-day vacation. On the average, how much did she spend each day?

- An equation using numbers is called a ___?___.
- Find n. $125 \times 46 = n$
- A line segment that has both endpoints on the circle and passes through the center of the circle is called the ___?___.
- Would the length of a person's thumb be about 6 cm or 6 m?

- A whole number greater than one that has more than two factors is called a ___?___.
- Find n. $7/8 - 3/6 = n$
- The term given to an object having length, width and height is called ___?___.
- One book costs $6.00. At the same price, how much will four books cost?

- The term used for the symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is called ___?___.
- Find n. $309 \div 3 = n$
- An angle with a measure greater than 90° but less than 180° is called an ___?___ angle.
- For a picnic, would you make 10 liters or 100 milliliters of Kool-Aid?

- A graph using bars of different lengths to compare information is called a ___?___.
- Find n. $500 - 347 = n$
- A triangle with three angles less than 90° is called an ___?___.
- John has six pets. Three of them are dogs. How many other pets does he have?

- Two operations, opposite in effect, such as addition and subtraction are called ___?___ operations.
- Find n. $56 = n \times 8$
- A line that divides a figure into two congruent parts is called a ___?___.
- Becky is 10 years old. Would she weigh about 70 grams or 40 kilograms?

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- Numeral
- n = 4.30
- Corresponding parts
- 100°; 0°

- Quotient
- n = 5
- Sphere
- Area

- Number sentence
- n = 5750
- Diameter
- 6 cm

- Commutative property of addition
- n = 13/24
- No
- $40.07

- Digits
- n = 103
- Obtuse angle
- 10 liters

- Composite number
- n = 9/24
- Three-dimensional
- $24.00

- Inverse
- n = 7
- Line of symmetry
- 40 kg

- Bar graph
- n = 153
- Acute triangle
- 3 pets

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GA1073

- A graph using lines to show changes in information is called a ___?___.
- Compute $233 \times 26$.
- A polygon with two pairs of parallel sides is called a ___?___.
- If a plane goes 1800 miles in 6 hours, what is its speed per hour?

- State the property: $5 \times 1 = 5$.
- Find n. $(6 \times 4) + (8 \times 2) = n$
- A collection of points along a straight path identifies a ___?___.
- Paul and his dad caught 15 fish. They caught 6 on Monday, 4 on Tuesday and the rest on Wednesday. How many did they catch on Wednesday?

- State the property: $(2 \times 3)4 = 2(3 \times 4)$.
- Find n. 4 in. + 6 in. + 12 in. = n
- A cube has how many faces?
- How many nickels are there in 30¢?

- Information that is collected is called ___?___.
- Find n. $9.8 \times 2.4 = n$
- Identify this geometric space figure.

- Joan needs 25.6 meters of yarn for her Christmas project. Round this number to the nearest meter.

- State the decimal equivalent for 2/5.
- Find n. 144 - 114 = n
- A closed plane figure made up of many arcs is called a ___?___.
- Last year Eva was 158.8 cm tall. During the year, she grew 6.9 cm. How tall is she now?

- State the property: $3 + (5 + 2) = (3 + 5) + 2$.
- Find n. 160 - 60 = n
- State the formula for the volume of a rectangular prism.
- How much will Kim pay for 12 pieces of candy at 10¢ each?

- The term used to enter numbers and commands into a calculator or computer is called ___?___.
- Find n. $4 \times 9 = n$
- The distance around a circle is called ___?___.
- Would the amount of water used to fill an aquarium be measured in perimeter, area or volume?

- A multiple that is the same for two or more numbers is called a ___?___.
- Find n. $3 + 4 + 5 + 7 = n$
- A line segment with both endpoints on the circle, but not passing through the center, is called a ___?___.
- A tourist drives 35.75 km west, 36.6 km south and 12.3 km west. Is the trip more or less than 100 km?

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Math Trivial Pursuit

- Identity property of multiplication
- n = 40
- Line
- 5 fish

Math Trivial Pursuit

- Line graph
- 6058
- Parallelogram
- 300 mph

Math Trivial Pursuit

- Data
- n = 23.52
- Triangular pyramid
- 26 m

Math Trivial Pursuit

- Associative property of multiplication
- n = 22 inches
- 6 faces
- 6 nickels

Math Trivial Pursuit

- Associative property of addition
- n = 100
- V = length × width × height
- $1.20

Math Trivial Pursuit

- .4
- n = 30
- Circle
- 165.7 cm

Math Trivial Pursuit

- Common multiple
- n = 19
- Chord
- Less

Math Trivial Pursuit

- Input
- n = 36
- Circumference
- Volume

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- Which is greater: 4/8 or 1/3?
- Find n. $2824 \div 4 = n$
- TRUE OR FALSE: A sphere has some flat surfaces.
- A theater has 648 seats in 24 rows. How many seats are in each row?

- 8.6 m = ? cm
- Find n. $65 \div 9 = n$
- Does this figure show symmetry?
- What month has fewer than 30 days?

- Complete the sequence. 9, ___, 13, 15, ___
- Find n. $80 \times 900 = n$
- TRUE OR FALSE: A nonagon has ten angles.
- From a box of 5000 envelopes, the secretary took 3450. How many envelopes were left?

- What fraction of the numbers from 1 to 10 are even numbers?
- Find n. $3 \times (4 + 6) = n$
- An egg has what geometric shape?
- Sharon has $20.00 in her savings account. The bank pays 5% yearly interest. How much money will she have at the end of the year?

- Products obtained by multiplying opposite numerators with opposite denominators are called ?.
- Find n. $698 \times 100 = n$
- The number of cubic units of space a figure contains is called its ?.
- If Dan sold 50 magazine subscriptions at $9.00 a subscription, how much money would he collect?

- Reduce 9/24 to lowest terms.
- Find n. $2 \times (\$2.00 + \$0.50) = n$
- TRUE OR FALSE: Opposite sides of a rectangle have equal lengths.
- Bill wants to buy a gift that costs $6.00. He gets a weekly allowance of $1.50. How long will it take him to save enough money to buy the gift?

- State 17 9/100 as a decimal.
- Find n. $3/4 = n/8$
- A measure of volume is called ?.
- Joe bought an exercise mat priced at $30.00. What change did he receive from $50.00?

- 8, 16, 24, 32, 40 are all multiples of ?.
- Find n. $(5 + 3) \times 6 = n$
- Find the perimeter of an area whose four sides are each 7 meters long.
- Which would you rather have: 5 dimes or 8 nickels?

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Math Trivial Pursuit

- 860
- n = 7 R2
- Yes
- February

Math Trivial Pursuit

- 4/8
- n = 706
- False
- 27 seats

Math Trivial Pursuit

- 5/10 or 1/2
- n = 30
- Oval
- $21.00

Math Trivial Pursuit

- 11; 17
- n = 72,000
- False
- 1550 envelopes

Math Trivial Pursuit

- 3/8
- n = $5.00
- True
- 4 weeks

Math Trivial Pursuit

- Cross products
- n = 69,800
- Volume
- $450.00

Math Trivial Pursuit

- 8
- n = 48
- 28 meters
- 5 dimes

Math Trivial Pursuit

- 17.09
- n = 6
- Cubic measure
- $20.00

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- What is 12/20 in lowest terms?
- Find n. $41 \times 2 = n$
- TRUE OR FALSE: A three-dimensional figure is called a polyhedron.
- TRUE OR FALSE: For a consumer, food prices are decreased by the amount of labor involved in preparing an item for sale.

- List the numbers from least to greatest. .074, .7, .007, .0072
- Find n. $.25 + .41 = n$
- Square units are used to measure _?_.
- Twenty-four cards are used for a card game. Each player gets six cards. How many players are there?

- How many centimeters are in one meter?
- Find n. $30 \times 22 = n$
- Does this figure illustrate perpendicular lines?
- Adam bought 3 shirts at $7.97 each and a pair of jeans for $26.44. How much change will he receive from $55.00?

- 50% is equal to what fractional part?
- Find n. 1/9 of 36 = n
- A rectangular prism has _?_ curved faces.
- Four out of twenty-seven students are absent. How many are present?

- The greatest possible number you can express that is a five-digit numeral is _?_.
- Find n. $(4 \times 6) + (2 \times 8) = n$
- Which has more sides, an octagon or a nonagon?
- In a bouquet of 30 flowers, 1/3 are red, 1/2 are yellow and 1/6 are pink. How many pink flowers are in the bouquet?

- State a fraction for the shaded part.
- Find n. 1/9 of 27 - 2 = n
- A pyramid has _?_ curved edges.
- Jane spent $1.50 for lunch and $.75 for a snack. How much did Jane spend for both?

- List the numbers in order from least to greatest. 1301, 310, 3110, 3001, 1103
- Find n. $0.9 - 0.2 = n$
- The space inside a plane figure is the _?_.
- Dirk passes the park on his way to school. The park is .2 mile from his home and the school is .5 mile from the park. How far is it from Dirk's home to school?

- Give the improper fraction for 3 5/8.
- Find n. $-10 \times (+2) = n$
- A spool of thread is in the shape of what geometric shape?
- Jane bought 8 six-packs of soda. How many cans of soda did she buy?

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Math Trivial Pursuit

- .007, .0072, .074, .7
- n = .66
- Area
- 4 players

Math Trivial Pursuit

- 3/5
- n = 82
- True
- False—increase

Math Trivial Pursuit

- 1/2
- n = 4
- 0
- 23

Math Trivial Pursuit

- 100 cm
- n = 660
- Yes
- $4.65

Math Trivial Pursuit

- 5/6
- n = 1
- 0
- $2.25

Math Trivial Pursuit

- 99,999
- n = 40
- Nonagon
- 5

Math Trivial Pursuit

- 29/8
- n = -20
- Cylinder
- 48 cans

Math Trivial Pursuit

- 310, 1103, 1301, 3001, 3110
- n = 0.7
- Area
- .7 miles

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- Which is greater: 4 + 0 or 5 - 0? How much greater?
- Find n. +4 + (-5) = n
- A wall has a length of 7 m and a width of 3 m. What is its area?
- Ann bought 8 yards of ribbon for $4.96. How much did one yard cost?

- Twelve dozen items considered as a whole is called a ___?___.
- Find n. -13 + (-18) = n
- TRUE OR FALSE: A circle is the same shape as a sphere.
- Which is the better buy: 100 paper cups for $1.25 or 50 cups for $.75?

- State a related division fact: 7 × 4 = 28.
- Find n. 10 - (1/7 of 56) = n
- There are ___?___ angles in an octagon.
- Amy earns $44.00 in 11 hours. What does she earn in one hour?

- State a fraction for the shaded part.
- Find n. 168 ÷ 24 = n
- Does this figure illustrate parallel lines?
- Would you rather have 4 dimes and 5 nickels or 3 quarters?

- State the property: 56 + 9 = 9 + 56.
- Find n. 24 ÷ n = 6
- What is the volume of a container 7 cm long, 5 cm wide, and 4 cm high?
- One piece of rope is 40 cm and a second piece is 5 m. Which piece of rope is longer?

- Fifteen minutes = ___?___ hour
- Find n. 80 + 25 + 65 = n
- A stick of gum has what geometric shape?
- Pencils are 8¢ each. How many can you buy for 20?

- Is 3/4 equal or not equal to 5/12?
- Find n. 1000 ÷ 10 = n
- ⟷ is the symbol for ___?___ lines.
- TRUE OR FALSE: One way to save money is to conserve natural resources.

- Use >, <, or =: 5.478 + 2.09 ___ 9
- Find n. 48 - 15 + 10 = n
- How many angles has a dodecagon?
- Gus watched the temperature sign on a building change from 76.4° to 75.9°. How much did the temperature fall?

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Math Trivial Pursuit

- Gross
- n = -31
- False
- 100 for $1.25

Math Trivial Pursuit

- 5 - 0; 1
- n = - 1
- 21 sq. m
- $.62

Math Trivial Pursuit

- 4/7
- n = 7
- No
- 3 quarters

Math Trivial Pursuit

- 28 ÷ 4 = 7 or 28 ÷ 7 = 4
- n = 2
- 8
- $4.00

Math Trivial Pursuit

- 1/4
- n = 170
- Rectangle
- 2

Math Trivial Pursuit

- Commutative property of addition
- n = 4
- 140 cu. cm
- 5 m

Math Trivial Pursuit

- <
- n = 43
- 12
- .5°

Math Trivial Pursuit

- Not equal
- n = 100
- Parallel
- True

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67

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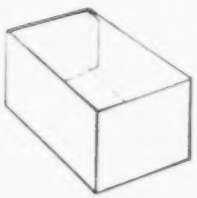
**Meet the Author**
Pat Dunn, SSND, has spent the past twenty-five years in elementary education as an administrator and teacher in schools in the Midwest. Most of her career has been working with junior high students in math. She taught two years at Kino Learning Center, an alternative educational school, in Tucson, Arizona.

Finished box:



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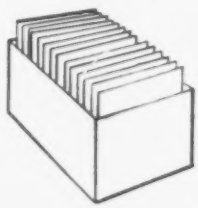

Math Trivial Pursuit

## BOX PATTERN for Math Trivial Pursuit Cards

INSTRUCTIONS: Cut out box on solid black lines. Gently crease at dotted lines using a razor blade or X-acto knife. Fold into a box shape. Use glue and strapping tape to reinforce box on the inside. Place cards inside box and use in a learning center.

Math Trivial Pursuit

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